

In the Claims:

Please amend claims 3, 5, and 27, and cancel claims 4, and 28.

Claims 1 – 2 cancelled

3. (Currently amended) The vaccine according to Claim 27, further comprising an ~~inactivating agent~~ adjuvant.

Claim 4 – cancelled

5. (Currently amended) The vaccine according to ~~Claim 27~~ Claim 3, wherein the adjuvant is selected from the group consisting of polymers, oil in water, water-in-oil-in-water, lipids, aluminum hydroxide, aluminum phosphate, aluminum sulfate, immunomodulators and combinations thereof.

Claims 6 – 26 cancelled

27. (Currently amended) A vaccine composition comprising an immunogenically effective amount of isolated ~~an inactivated, tissue culture produced, whole cell~~ *L. Lawsonia intracellularis* ~~strain deposited as ATCC deposit No. 55370, and an adjuvant, wherein on administration to swine said composition induces the production of antibodies to 21kD, 31kD, 41kD[[,]] and 43-44kD, 60kD and 71kD antigens found on said~~ *L. intracellularis* by Western blot analysis.

Claims 28 and 30 cancelled

31. (Previously amended) A method for protecting swine from disease caused by *L. intracellularis* comprising, administering to said swine an effective amount of the vaccine according to claim 27.

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